

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026285.D
 Acq On : 15 Jun 2022 18:09
 Operator : SY/MD
 Sample : N3275-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD9

Quant Time: Jun 16 01:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

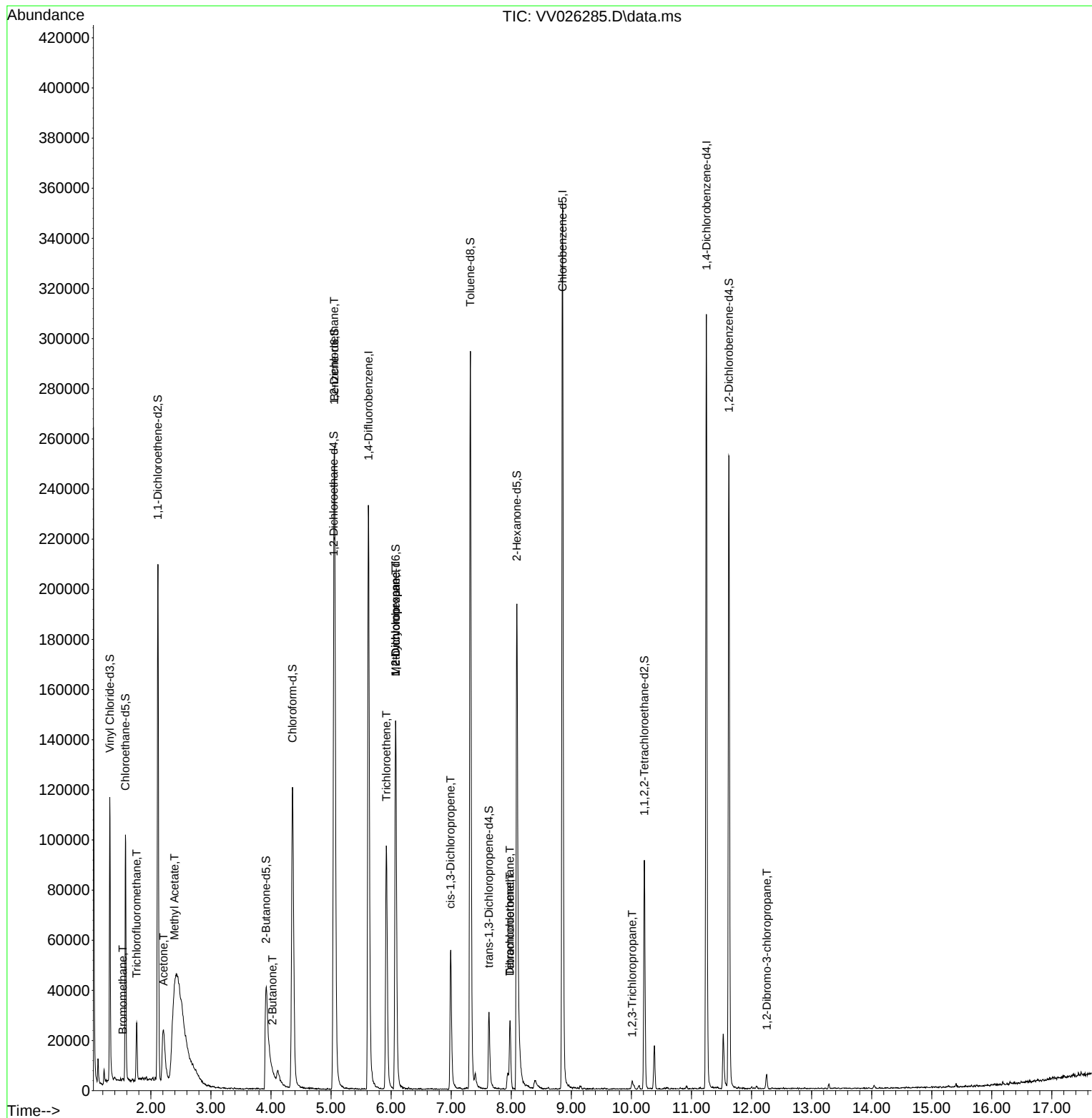
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	206888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	201289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	78335	4.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.577	69	63316	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.118	63	107673	3.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.918	46	95633	54.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.080%
24) Chloroform-d	4.359	84	128546	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.043	65	52582	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.056	84	245886	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.076	67	75990	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.320	98	200948	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.629	79	19852	3.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.092	63	68909	44.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45403	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	65667	5.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
6) Bromomethane	1.532	94	489	0.049	ug/L	80
9) Trichlorofluoromethane	1.764	101	13909	0.564	ug/L	98
13) Acetone	2.211	43	56170	41.336	ug/L	85
15) Methyl Acetate	2.391	43	11945	3.664	ug/L #	48
21) 2-Butanone	4.024	43	4223	2.402	ug/L	94
27) 1,2-Dichloroethane	5.053	62	1233	0.103	ug/L #	73
34) Trichloroethene	5.921	95	35846	2.544	ug/L	95
35) Methylcyclohexane	6.076	83	18053	0.926	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7630	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1473	0.096	ug/L	85
47) Tetrachloroethene	7.979	164	6214	0.595	ug/L	99
49) Dibromochloromethane	7.979	129	6095	0.621	ug/L #	9
61) 1,2,3-Trichloropropane	10.011	75	1846	0.346	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.252	75	261	0.276	ug/L #	3

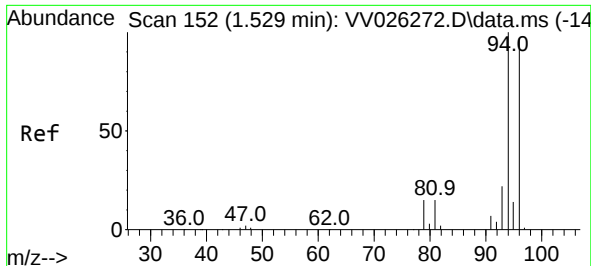
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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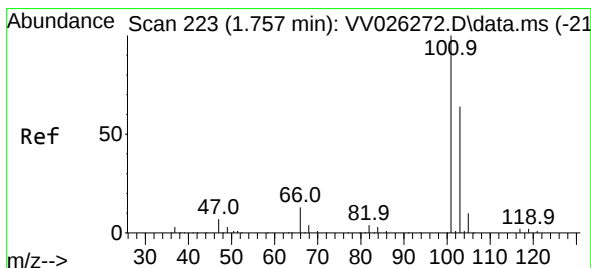
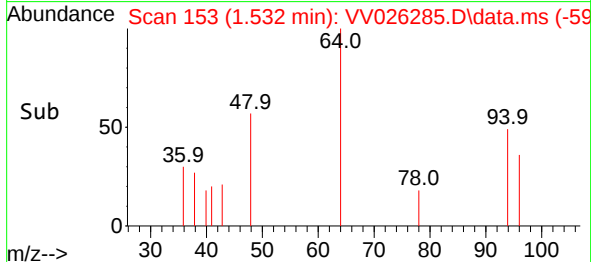
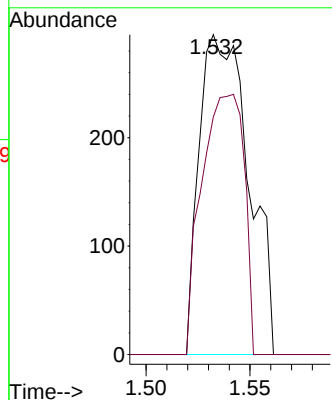
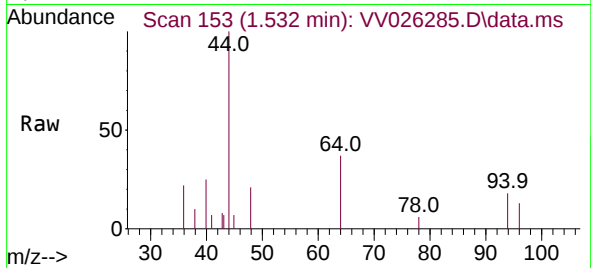




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

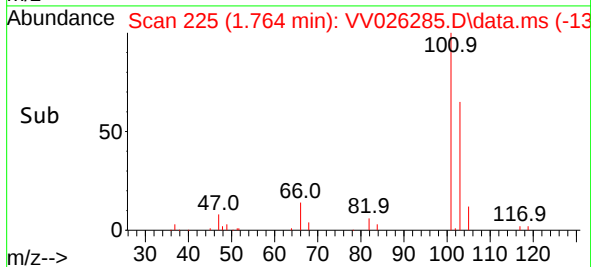
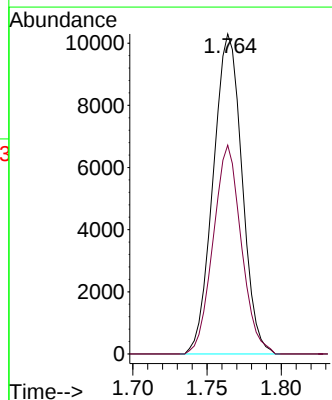
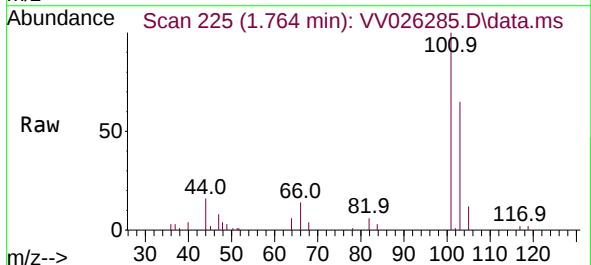
Instrument :
MSVOA_V
ClientSampleId :
C0BD9

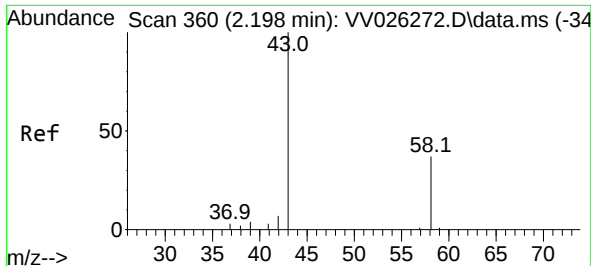
Tgt Ion: 94 Resp: 489
Ion Ratio Lower Upper
94 100
96 74.2 65.7 121.9



#9
Trichlorofluoromethane
Concen: 0.564 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.006 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

Tgt Ion:101 Resp: 13909
Ion Ratio Lower Upper
101 100
103 63.7 52.3 78.5

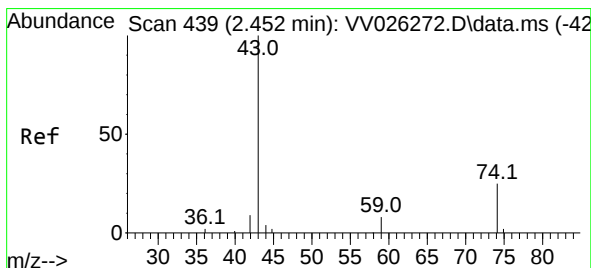
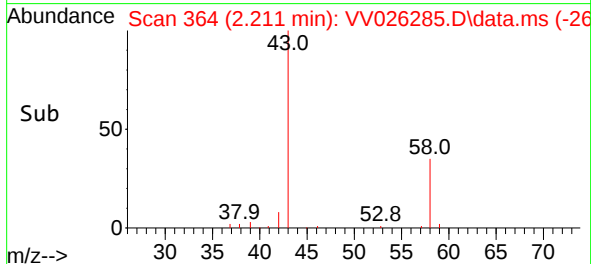
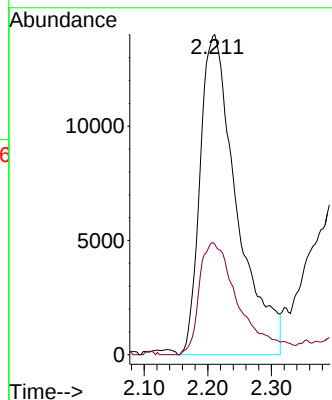
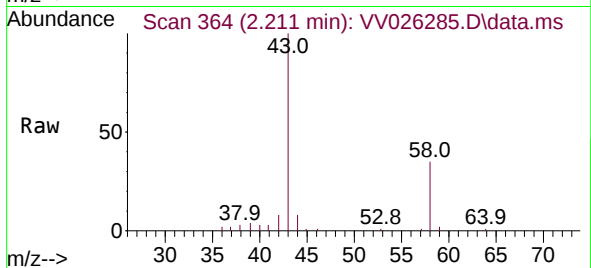




#13
Acetone
Concen: 41.336 ug/L
RT: 2.211 min Scan# 30
Delta R.T. 0.013 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

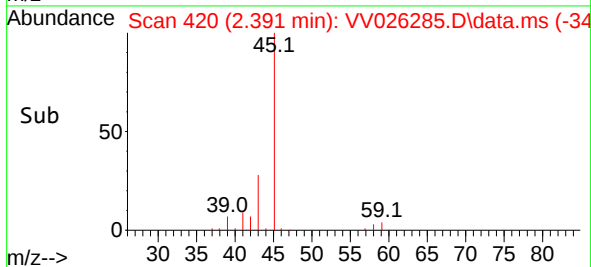
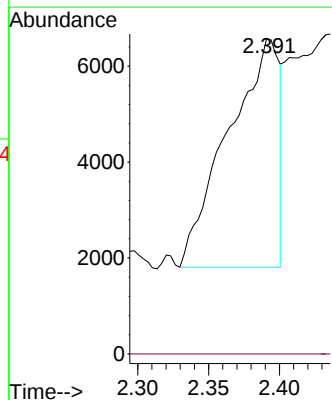
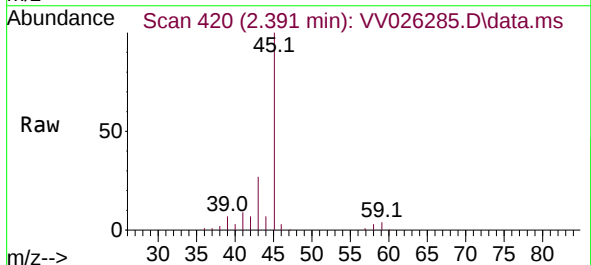
Instrument :
MSVOA_V
ClientSampleId :
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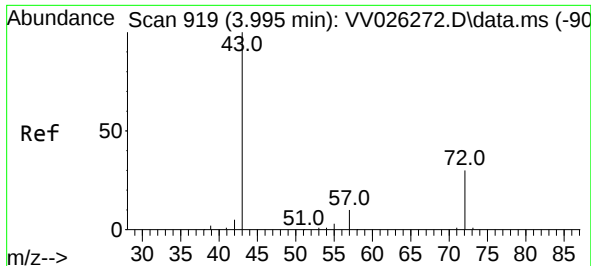
Tgt Ion: 43 Resp: 56170
Ion Ratio Lower Upper
43 100
58 38.0 0.0 60.0



#15
Methyl Acetate
Concen: 3.664 ug/L
RT: 2.391 min Scan# 420
Delta R.T. -0.061 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

Tgt Ion: 43 Resp: 11945
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#





#21

2-Butanone

Concen: 2.402 ug/L

RT: 4.024 min Scan# 91

Delta R.T. 0.029 min

Lab File: VV026285.D

Acq: 15 Jun 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

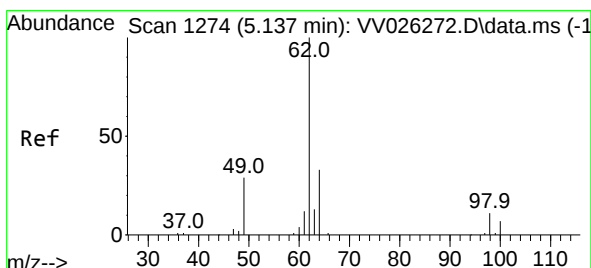
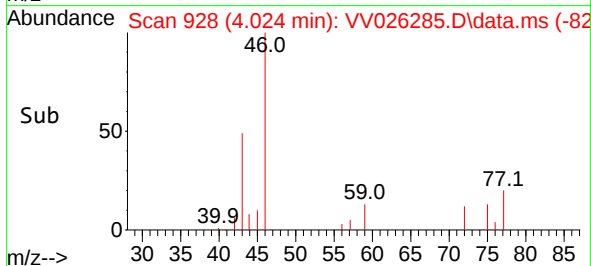
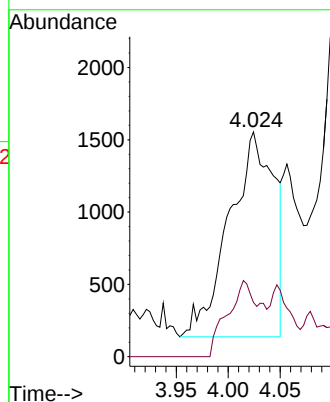
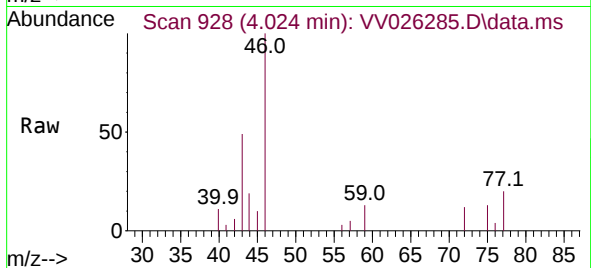
C0BD9

Tgt Ion: 43 Resp: 4223

Ion Ratio Lower Upper

43 100

72 22.1 12.7 38.0



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV026285.D

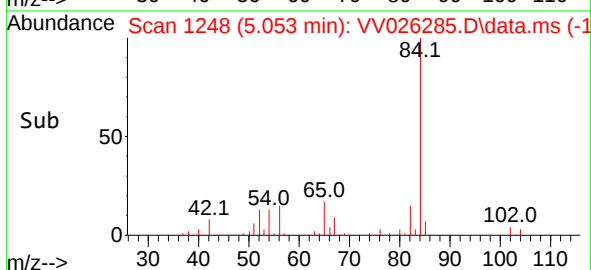
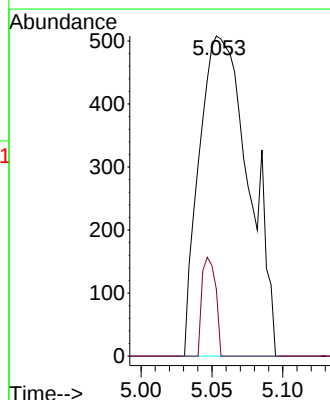
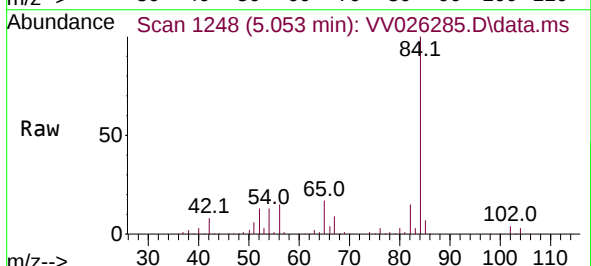
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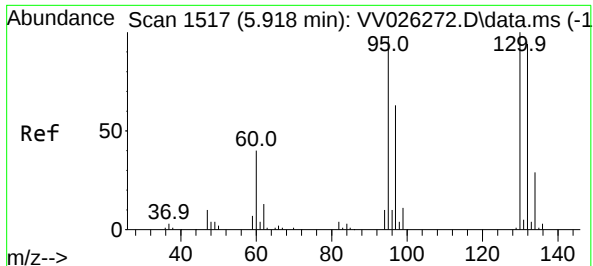
Tgt Ion: 62 Resp: 1233

Ion Ratio Lower Upper

62 100

98 20.9 8.6 13.0#

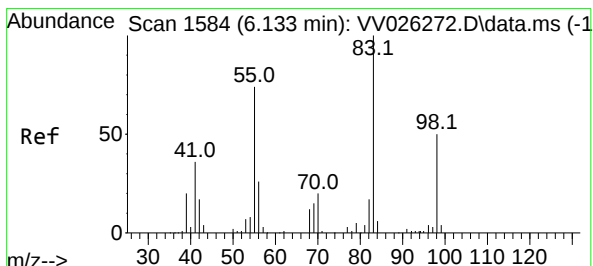
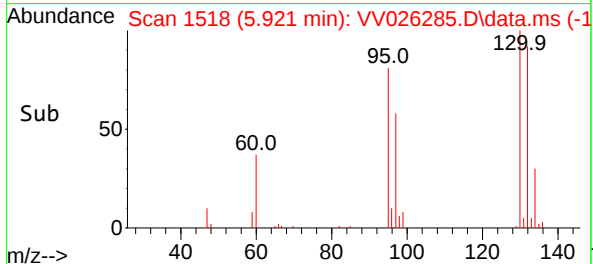
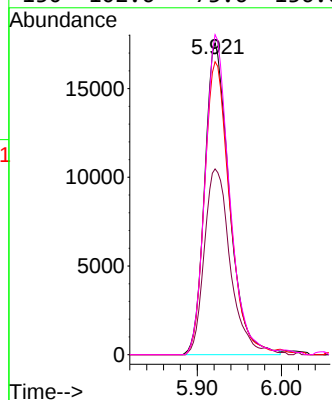
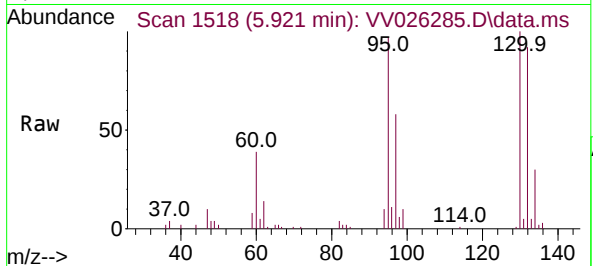




#34
Trichloroethene
Concen: 2.544 ug/L
RT: 5.921 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

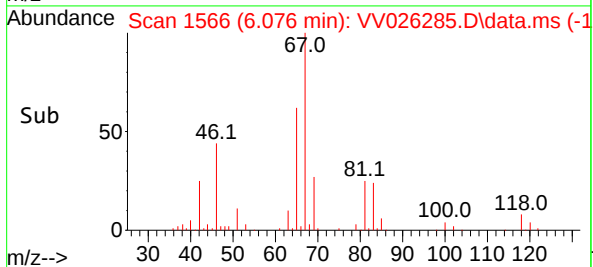
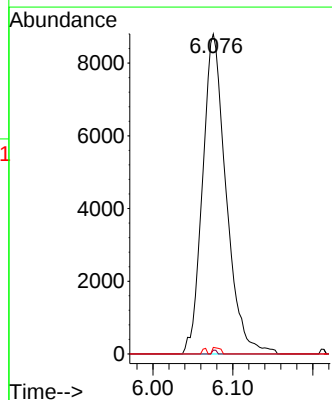
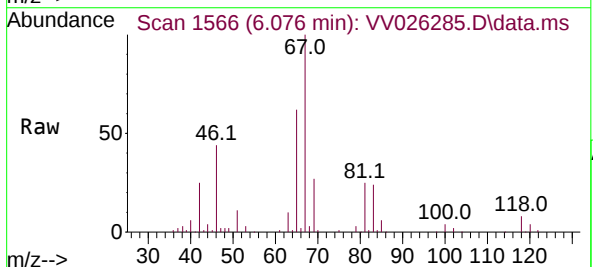
Instrument :
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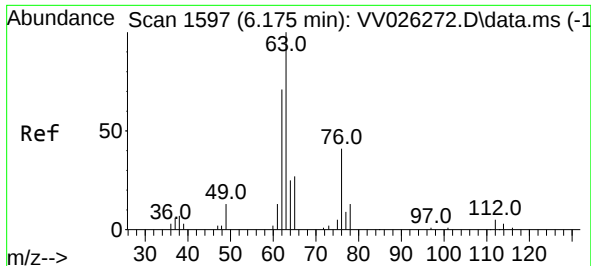
Tgt Ion: 95 Resp: 35846
Ion Ratio Lower Upper
95 100
97 59.6 46.5 86.3
132 94.0 68.8 127.8
130 102.6 73.6 136.6



#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026285.D
Acq: 15 Jun 2022 18:09

Tgt Ion: 83 Resp: 18053
Ion Ratio Lower Upper
83 100
55 0.2 59.3 88.9#
98 0.7 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026285.D

Acq: 15 Jun 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

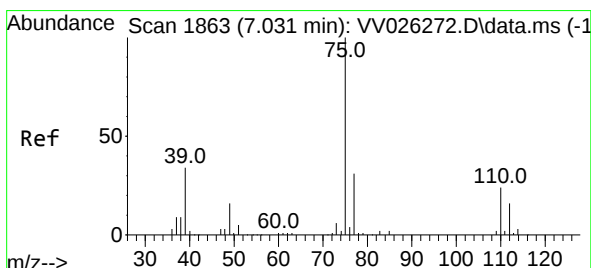
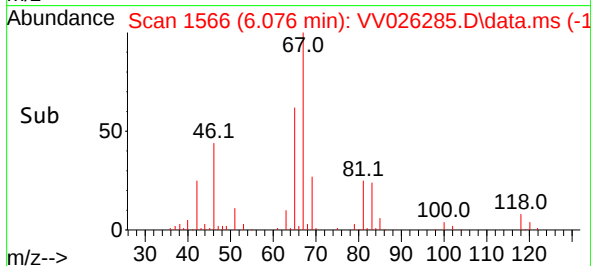
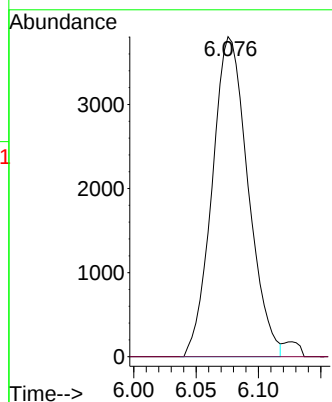
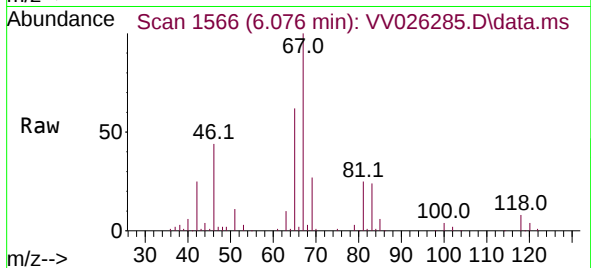
C0BD9

Tgt Ion: 63 Resp: 7630

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026285.D

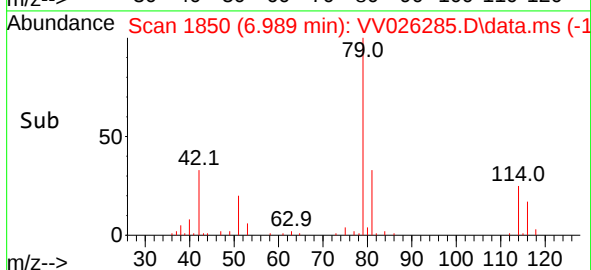
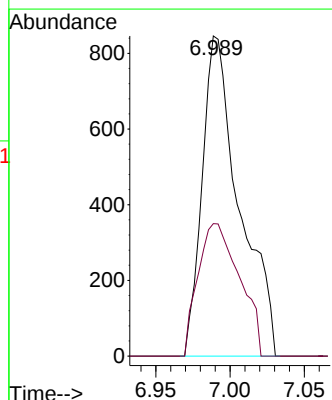
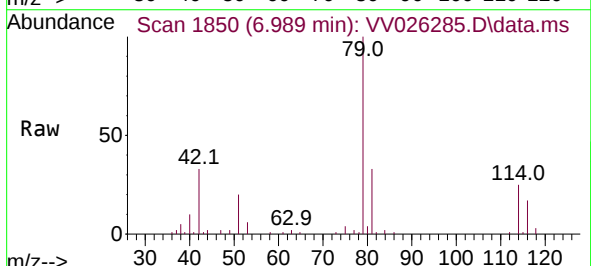
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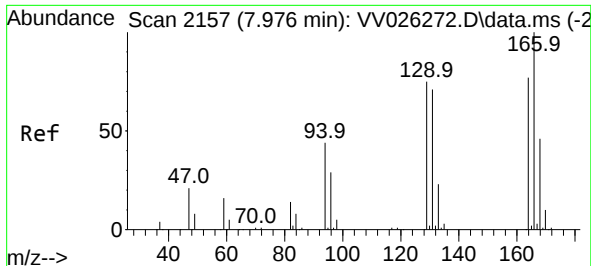
Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 41.4 23.0 42.6





#47

Tetrachloroethene

Concen: 0.595 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026285.D

Acq: 15 Jun 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

C0BD9

Tgt Ion:164 Resp: 6214

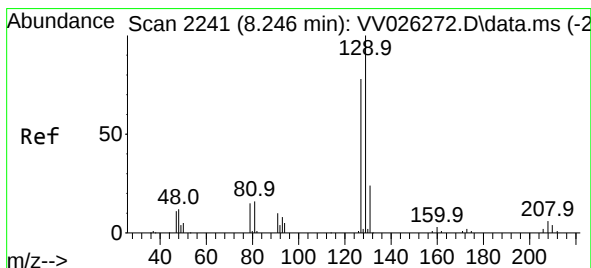
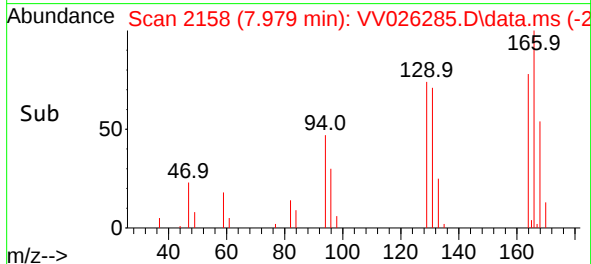
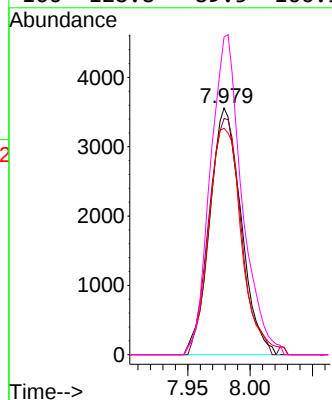
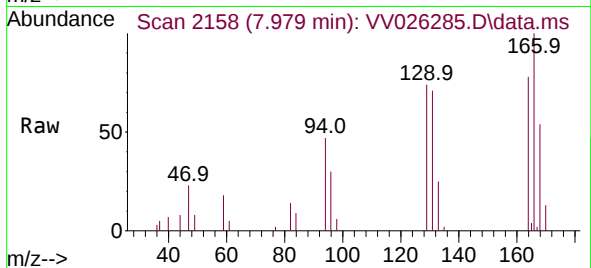
Ion Ratio Lower Upper

164 100

129 95.7 67.5 125.3

131 91.7 63.8 118.4

166 128.8 89.5 166.3



#49

Dibromochloromethane

Concen: 0.621 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026285.D

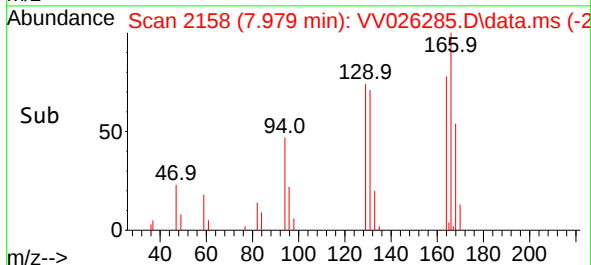
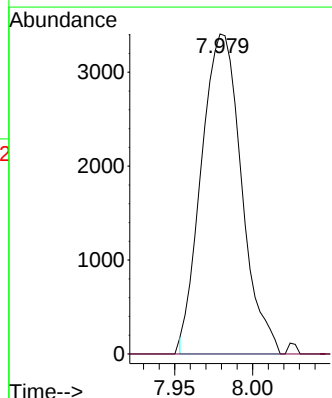
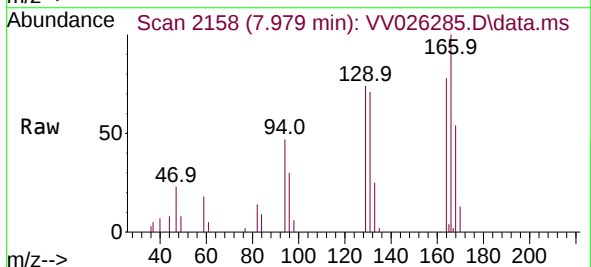
Acq: 15 Jun 2022 18:09

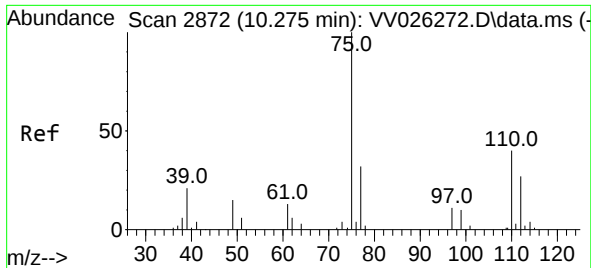
Tgt Ion:129 Resp: 6095

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

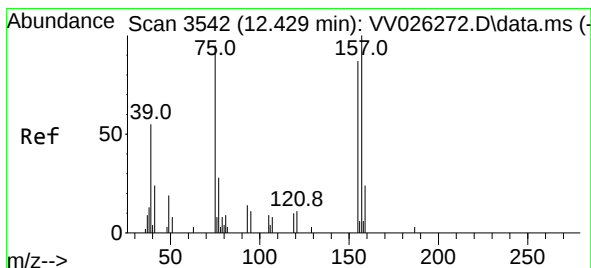
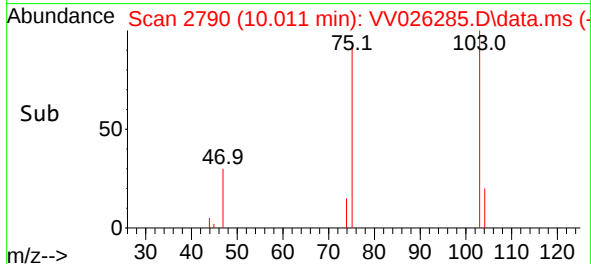
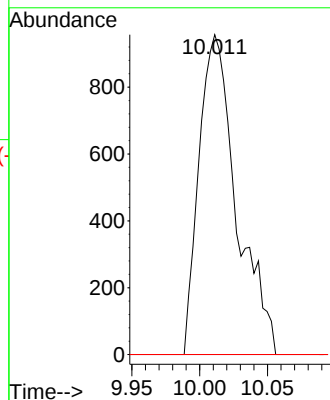
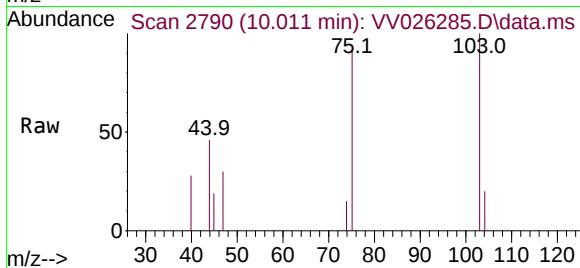




#61
 1,2,3-Trichloropropane
 Concen: 0.346 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV026285.D
 Acq: 15 Jun 2022 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD9

Tgt Ion: 75 Resp: 1846
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.9 40.3#
 110 0.0 30.7 46.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.276 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV026285.D
 Acq: 15 Jun 2022 18:09

Tgt Ion: 75 Resp: 261
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

